In re Patent Application of: AOKI, et al.,))
Serial Number: 09/550,371	Examiner: C.M. KAM Group Art Unit: 1646
Filed: April 14, 2000)
For: METHOD FOR TREATING PAIN BY PERIPHERAL ADMINISTRATION OF A NEUROTOXIN	
	lrvine, California

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Applicant herewith submits a one- page form PTO 1449 for consideration by the Examiner, consistent with the provisions of 37 CFR § 1.97 and 1.98. By submitting this Information Disclosure Statement, Applicant makes no admission that any item listed thereupon is material to the patentablility of the invention claimed in the above-entitled patent application. Further, Applicant makes no assertion hereby that a search was conducted, or if conducted, that any search was thorough.

Applicant respectfully requests that the Examiner indicate consideration of the cited reference by returning a copy of the attached form PTO-1449 with the Examiner's initials or other appropriate marks.

If any fee is required please charge Deposit Account No. 01-0885 the appropriate amount and please consider this communication a petition requesting

consideration of this supplemental IDS.

Date: September 13, 2001

Allergan, Inc.

2525 Dupont Drive, T2-TH

Date: September 13, 2001

Irvine, CA 92612 Tel: 714 246 4026 Fax: 714-246-4249 Respectfully submitted,

Stephen Donovan

Registration Number 33,433

CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. §1.10

I hereby certify that this Supplemental Information Disclosure Statement is being deposited with the United States Postal Service on **September 13, 2001** in an envelope as "Express Mail Post Office To Addressee" mailing label number EL385557033US with sufficient postage for Express Mail addressed to Assistant Commissioner for Patents, Washington, D.C., 20231.

Susan Bartholomew

Name of person mailing paper

Signature of person mailing paper

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1449

Sheet	1	of	1

I	IST	OF	ART	CITED	BY	APPLI	CANT
4.		$\mathbf{O}_{\mathbf{I}}$	\mathbf{v}		<i>1</i> 21		

SERIAL NO.: 09/550,371
TITLE: METHOD FOR TREATING PAIN BY PERIPHERAL ADMINISTRATION OF A NEUROTOXIN
GROUP:
_

UNITED STATES PATENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
	AA	6,113,915	9/5/00	AOKI	424	236	·

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (yes/n)
·						
	-				 	

OTHER ART

EXAMINER	 DATE CONSIDERED	
	 ' ' C ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	• •

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



In re Application of:	Aoki et al.)	Examiner:
U.S. Serial No.:	09/550,371)	Art Unit:
Filed:	April 14, 2000)	
For:	METHOD FOR TREATING)	
	PAIN BY PERIPHERAL ADMINISTRATION OF A)	
	NEUROTOXIN)	

SUPPLEMENTARY INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Applicant provides with regard to the above-referenced patent application one copy the document listed on the attached Form PTO-1449, which may be material to the examination of this application, and in respect of which there may be a duty of disclosure under 37 C.F.R. §1.56.

While this document may be material pursuant to 37 C.F.R. §1.56, their disclosure is not intended to constitute an admission that any such document is prior art in regard to this invention. The filing of this Statement should not be construed to mean that a search has been conducted or that no other material documents or information exists. Please do not hesitate to contact the undersigned should any questions arise regarding this Statement.

The Commissioner is hereby authorized to charge Deposit Account Number 01-0885 for any fees or charges associated with the filing of this paper and any of the attached pages and to refund any overpayment to the same deposit account.

Respectfully submitted,

Stephen Donovan

Registration Number 33,433

Date: November 2 2 2000

Allergan, Inc. 2525 Dupont Drive Irvine, CA 92612

Telephone: 714 246 4026

Fax: 714 246 4249

U.S. Serial Number: 05,550,371

Filed: April 14, 2000

Date: 11.28.00

Docket No: 17328 (AP)

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this Supplementary Information Disclosure Statement and any additional documents set forth as being enclosed herein are being deposited with the United States Postal Service on the date shown below, with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231.

Maria Zirbes

Name of Person Mailing

U.S. Department of Commerce, Patent and Trademark Office PTO form 1449					Atty Docket No.		Serial No.	
······································			17328 (AP)	17328 (AP)		09/550,371		
INFOR	MATIO	N DISCLOSURE S	Applicant(s) Aoki et al.					
		(Use several sheet	ts if necessary)					
					Filing Date	October 4, 2000	Group	
	·		U.S.	Patent Documents				
*Examiner		Document					Filing Da	
Initial		Number	Date	Name	Class	Subclass	If Appropr	iate
	AA	6,063,768	5/26/00	First				
	AB							
	AC			· .				
·	AD							
	AE							
	AF							
	AG						·	
	AH							
•	AI	·						
	AJ							
	AK							
			Foreig	n Patent Documents				
					*		Trans	slation
		Document	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO			<u> </u>				
	AP							
<u> </u>		OTHER A	ART (Including	Author, Title, Date, Pe	rtinent Pages, E	Etc.)		
<u></u> .	AQ	<u> </u>						·
	AR		· · · · · · · · · · · · · · · · · · ·	·		—		
	AS						 -	<u> </u>
	AS	ļ						
,			D-11 C 11					
Examiner	1. Y-2.		Date Consider			DED (00 D	in a 43 *	
				not citation is in conforce copy of this form with				

., 1

In re Patent Application of:

Date: December 3, 2001

AOKI, et al.

Examiner: Chih-Min-Kam

Serial Number: 09/550,371

Group Art Unit: 1653

Filed: April 14, 2000

.

For: METHODS FOR 1

METHODS FOR TREATING PAIN

BY PERIPHERAL

ADMINISTRATION OF A

NEUROTOXIN

EL385558997US

Irvine, California

SUPPLEMENTARY INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents U.S. Patent and Trademark Office P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Applicant provides with regard to the above-referenced patent application a copy of the document listed on the attached 1-page Supplementary Information Disclosure Citation (Form PTO-1449), which may be material to the examination of this application, and in respect of which there may be a duty of disclosure under 37 C.F.R. §1.56.

While this document may be material pursuant to 37 C.F.R. §1.56, the disclosure is not intended to constitute an admission that any such document is prior art in regard to this invention. The filing of this Statement should not be construed to mean that a search has been conducted or that no other material documents or information exists. Please do not hesitate to contact the undersigned should any questions arise regarding this Statement. These documents were disclosed in an International Search Report in the foreign counterpart of the above-identified application, and the International Search Report was received less than three (3) months ago.

ATTORNEY DOCKET 17328(BOT)

The Commissioner is hereby authorized to charge any fees associated with this communication, or credit any overpayment, to Deposit Account No. 01-0885.

Date: December 3, 2001

Respectfully submitted,

Allergan, Inc.

2525 Dupont Drive, T2-7H

Irvine, CA 92612 Tel: 714 246 4026

Fax: 714-246-4249

Sternen Donovan

Registration Number 33,433

CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. §1.10

I hereby certify that this Supplemental Information Disclosure Statement is being deposited with the United States Postal Service on December 3, 2001 in an envelope as "Express Mail Post Office To Addressee" mailing label number EL385558997US with sufficient postage for Express Mail addressed to Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

Susan Bartholomew

Name of person mailing paper

Date: December 3, 2001

Signature of person mailing paper

 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1449

SUPPLEMENTAL LIST OF ART CITED BY APPLICANT

LIST OF ART CITED BY ATTEMENT						
ATTY. DOCKET: 17328 (BOT).	SERIAL NO.: 09/550,371					
APPLICANT: AOKI, et al.	TITLE: METHOD FOR TREATING PAIN BY PERIPHERAL ADMINISTRATIONOF A NEUROTOXIN					
FILING DATE: APRIL 14, 2000	GROUP: 1653					

U.S. PATENT DOCUMENTS

	CIDITITIZATE DOCCITIZATE								
*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)		
	AA	6,113,915	9/5/00	AOKI	424				
	AB								
	AC								
	AD								
	AE								

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
BA	WO 97/34624	9/25/97	PCT			
BB	WO 96/33273	10/24/96	PCT			
BC	WO 95/30431	11/16/95	PCT			

OTHER ART

	(Including Addiol, Title, Date, Tertificite Lagos, etc.)
C	Guyer, B., Mechanism of botulinum toxin in the relief of chronic pain, Current Review of Pain, 1999, 3:427-431, XP-001031379
C	Carruthers, A., et al., Improvement of tension-type headache when treating wrinkles with botulinum toxin A injections, Headache, Oct. 1999:39:662-665, XP-001031356
C	Diaz, J., et al., Management of post-thoracotomy pseudoangina and myofascial pain with botulinum toxin, Anesthesi logy V 91, No. 3, Sep 1999, pp. 877-879, XP-001031347
CI	Silberstein, S., et al., Botulinum toxin type A as a migraine preventive treatment, Headache 2000:40:445-450, XP-002182692
C	Gobel, H., et al., Evidence-based medicine: botulinum toxin A in migraine and tension-type headache, Journal of Neurology, 2001 248 Supp 1: I/34-I/38, XP-002182693

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if n t in conformance and not considered. Include copy of this form with next communication to applicant.

In re Application	of: DONOVAN, Stephen)	Examiner:
U.S. Serial No.:	09/550,371)	Art Unit: 1646
Filed:	April 14, 2000)	
For:	METHOD FOR TREATING PAIN BY PERIPHERAL ADMINISTRATION OF A)	
	NEUROTOXIN)	Irvine, California

SUPPLEMENTARY INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

1

Applicant provides with regard to the above-referenced patent application one copy of each of the eight documents listed on the attached Form PTO-1449, which may be material to the examination of this application, and in respect of which there may be a duty of disclosure under 37 C.F.R. §1.56. Please note that the Li, Schantz and Zhou articles were originally cited by applicant at the time the application was filed; however; copies of those references were not available at that time and are therefore being submitted herein.

While these documents may be material pursuant to 37 C.F.R. §1.56, their disclosure is not intended to constitute an admission that any such document is prior art in regard to this invention. The filing of this Statement should not be construed to mean that a search has been conducted or that no other material documents or information exists. Please do not hesitate to contact the undersigned should any questions arise regarding this Statement.

The Commissioner is hereby authorized to charge any fees associated with this communication, or credit any overpayment, to Deposit Account No. 01-0885.

Respectfully submitted,

Date: August 9, 2000

Stephen Donovan

Registration Number 33,433

Docket No. 17328 (AP)

Allergan, Inc. 2525 Dupont Drive Irvine, CA 92612 Telephone: 714 246 4026

Fax: 714 246 4249

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this Supplementary Information Disclosure Statement and any additional documents set forth as being enclosed herein are being deposited with the United States Postal Service on the date shown below, with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231.

Mary Stickle
Name of Person Mailing

Date: Mugust 10, 2000

Signature of Person Mailing

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

Sheet	1	of	1
-------	---	----	---

ATTY. DOCKET:	17328(AP)	SERIAL NO.: 09/550,371
APPLICANT:	Aoki et al.	TITLE: METHOD FOR TREATING PAIN BY PERIPHERAL ADMINISTRATION OF A NEUROTOXIN
FILING DATE:	04/14/2000	GROUP: 1646

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
	AA	6,063,768	5/16/00	FIRST			
	AB						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/n)
BA						
BB				_		

OTHER ART

	CA	Cheng, Guang-Shing; Botox, Dermabrasion Treated Facial Leiomyomas; Skin & Allergy
		News 2000;31(3):16.
	СВ	First, E. et al.; Painful Cervical Dystonia: Response to Treatment with Botulinum Toxin;
		Mov Disord 1998;13(Suppl2):100.
	CC	Guyer, Barry M.; Mechanism of Botulinum Toxin in the Relief of Chronic Pain; Curr Rev
		Pain 1999;3(6):427-431.
	CD	Li, Yan, et al.; A Single Mutation in the Recombinant Light Chain of Tetanus Toxin Abolishes
		Its Proteolytic Activity and Removes the Toxicity Seen after Reconstitution with Native Heavy
;		Chain; Biochemistry 1994, 33, 7014-7020.
	CE	Schantz, Edward J., et al.; Properties and Use of Botulinum Toxin and Other Microbial
		Neurotoxins in Medicine; Microbiological Reviews Mar. 1992, pp. 80-99, Vol. 56, No. 1.
	CF	Tarsy, Daniel, et al.; Painful Cervical Dystonia: Clinical Features and Response to
		Treatment With Botulinum Toxin; Mov Disord 1999;14(6):1043-1045.
	CG	Zhou, Liqing, et al.; Expression and Purification of the Light Chain of Botulinum Neurotoxin
•		A: A Single Mutation Abolishes Its Cleavage of SNAP-25 and Neurotoxicity after
		Reconstitution with the Heavy Chain; Biochemistry 1995, 34, 15175-15181.
	CH	

EXAMINER	DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTORNEY DOCKET 17328(AP)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	: AOKI, et al.)	Examiner:
U.S. Serial No.:	Pending)	Art Unit:
Filed:	(Herewith))	
	FOR TREATING PAIN BY PERIPHERAL RATION OF A NEUROTOXIN)	Irvine, California

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Applicant wishes to call to the attention of the Examiner the documents cited on the accompanying Form PTO-1449. No concession is made that these documents are prior art, and applicant expressly reserves the right to antedate the documents as may be appropriate. Applicant requests that each of these documents be made of record in the above-identified application.

Respectfully submitted,

StephenDonovan

Registration Number 33,433

Date: April 14, 2000

Allergan, Inc. 2525 Dupont Drive Irvine, CA 92612

Telephone: 714 246 4026

Fax: 714 246 4249

CERTIFICATE OF EXPRESS MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that this Transmittal Letter and the additional documents set forth above as being enclosed herein are being deposited with the United States Postal Service on April 14, 2000, in an envelope as "Express Mail Post Office to Addressee," mailing Label Number EL079092522US, addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, DC 20231.

STEPHEN DONOVAN

Name of person mailing paper

Signature of person mailing paper

Date: April 14, 2000

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

Sheet	_1_	of	4
-------	-----	----	---

ATTY. DOCKET:	17328(AP)	SERIAL NO.:
APPLICANT:	AOKI et al.	TITLE: METHOD FOR TREATING PAIN BY PERI- PHERAL ADMINISTRATION OF A NEUROTOXIN
FILING DATE:	(Herewith)	GROUP:

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
	AA	5,714,468	2/3/98	BINDER			
	AB	5,766,605	6/16/98	SANDERS ET AL.			
	AC	5,989,545	11/23/99	FOSTER ET AL.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
BA	94/15629	7/21/94	PCT			
BB	96/33273	10/24/96	PCT			
BC	98/07864	2/26/98	PCT			
BD	99/17806	4/15/99	PCT			

OTHER ART

(Including Author, Title, Date, Pertinent Pages, etc.)

C	
	Controlled Clinical Trial; Developmental Medicine & Child Neurology, 2000; 42:116-121
C	Bigalke, H., et al.; Botulinum A Neurotoxin Inhibits Non-Cholinergic Synaptic Transmission
	in Mouse Spinal Cord Neurons in Culture; Brain Research, 360 (1985); 318-324.
C	Bigalke, H., et al.; Tetanus Toxin and Botulinum A. Toxin Inhibit Release and Uptake of
	Various Transmitters, as Studied with Particulate Preparations from Rat Brain and Spinal
	Cord; Naunyn-Schmiedeberg's Arch. Pharmacol (1981); 316:244-251.
CI	Cheshire, et al.; Botulinum Toxin in the Treatment of Myofascial Pain Syndrome; Pain, 1994;
	59(1):65-9.
CI	DiStefano, P. S., et al.; Receptor Mediated Retrograde Axonal Transport of Neurotrophic
1	Factors is Increased After Peripheral Nerve Injury; Progress in Brain Research (1994); Vol.
	103; Chapter 4; 35-42.

EXAMINER

DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1449

LIST OF ART CITED BY APPLICANT

ATTY. DOCKET:	17328(AP)	SERIAL NO.:
APPLICANT:	AOKI et al.	TITLE: METHOD FOR TREATING PAIN BY PERI- PHERAL ADMINISTRATION OF A NEUROTOXIN
FILING DATE:	(Herewith)	GROUP:

OTHER ART (Continued)

(Including Author, Title, Date, Pertinent Pages, etc.)

•	CF
A Quantitative Study of the Analgesic Effects of	CG
nulation in Rats and Cats; Pain (1977); 4:161-	
of SNAP-25 Within the Rat Spinal Cord and	СН
Comparative Neurology (1995); 356:152-163.	
ciples of Internal Medicine, 14th Edition (1998);	CI
t Effects of Local Injections of Botulinum Toxin;	CJ
Botulinum A Toxin of the Release of	CK
Brain Homogenate; Experientia 44 (1988); 224-	
Clostridium Botulinum A: Preparation, Binding	CL
Cord; Naunyn Schmiedeberg's Arch. Pharmacol.;	
otulinum A and C Neurotoxins Inhibit	CM
se Brain; Journal of Neurochemistry; Vol. 51; No.	
num Toxin on the Cholinergic Transmission at	CN
Action at Ia Inhibitory Interneurones; Naunyn-	
7-272 (1977).	
Internalization, and Retrograde Axonal	СО
otulinum Toxin; J. ToxicolToxin Reviews; Feb.	СР
smitter Genes in Rat Spinal Motoneurons After	CQ
Neuroscience (1997); Vol. 78, No. 2; 469-479.	
Cord; Naunyn Schmiedeberg's Arch. Pharmaco otulinum A and C Neurotoxins Inhibit se Brain; Journal of Neurochemistry; Vol. 51; num Toxin on the Cholinergic Transmission at Action at Ia Inhibitory Interneurones; Nauny 1-272 (1977). Internalization, and Retrograde Axonal otulinum Toxin; J. ToxicolToxin Reviews; Formitter Genes in Rat Spinal Motoneurons After	CM CN CO CO CP

EX	Δ	M	IN	FR	•
$\mathbf{F}_{\mathbf{A}}$	$\boldsymbol{\sim}$	IVI	11.4	1 : 1	

DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

of 4	3	Sheet
of 4	3	Sheet

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FORM PTO-1449

ATTY. DOCKET:	17328(AP)	SERIAL NO.:
APPLICANT:	AOKI et al.	TITLE: METHOD FOR TREATING PAIN BY PERI- PHERAL ADMINISTRATION OF A NEUROTOXIN
FILING DATE:	(Herewith)	GROUP:

OTHER ART (Continued)

	CR	Spinal Nerve Ligation in the Rat; Pain, 50 (1992); 355-363.
	CS	Li et al.; Biochemistry; 33:7014-7020 (1994).
	СТ	Mochida, S., et al.; Impairment of Syntaxin by Botulinum Neurotoxin C ₁ or Antibodies Inhibits Acetylcholine Release but not Ca ²⁺ Channel Activity; Neuroscience (1995); Vol. 65; No. 3; 905-915.
	CU	Naumann, et al.; Botulinum Toxin Type A in the Treatment of Focal, Axillary and Palmar Hyperhidrosis and Other Hyperhidrotic Conditions; European Journal of Neurology, 1999; Vol. 6(suppl4):S3-S10 and S111-S115.
	CV	Nelson, P.G., et al.; Mouse Spinal Cord in Cell Culture. IV. Modulation of Inhibitory Synaptic Function; Journal of Neurophysiology; Vol. 40, No. 5; Sept. 1977; 1178-1187.
	CW	Osen-Sand, A., et al.; Inhibition of Axonal Growth by SNAP-25 Antisense Oligonucleotides in vitro and in vivo; Nature; 29 July 1993; Vol. 364; 445-448.
·	CX	Pearce, L. B., et al.; Pharmacologic Characterization of Botulinum Toxin for Basic Science and Medicine; Toxicon (1997); Vol. 35, No. 9; 1373-1412.
	CY	Ragona, et al.; Management of Parotid Sialocele with Botulinum Toxin; Laryngoscope, 109:August 1999; p. 1344-36
,	CZ	Ransom, B.R., et al.; Mouse Spinal Cord in Cell Culture. I. Morphology and Intrinsic Neuronal Electrophysiologic Properties; Journal of Neurophysiology; Vol. 40, No. 5; Sept. 1977; 1132-1150.
	DA	Ransom, B.R., et al.; Mouse Spinal Cord in Cell Culture. II. Synaptic Activity and Circuit Behavior; Journal of Neurophysiology; Vol. 40, No. 5; Sept. 1977; 1151-1162.
	DB	Ransom, B.R., et al.; Mouse Spinal Cord in Cell Culture. III. Neuronal Chemosensitivity and its Relationship to Synaptic Activity; Journal of Neurophysiology; Vol. 40, No. 5; Sept. 1977; 1163-1177.
	DC	Rees, H., et al.; Do Dorsal Root Reflexes Augment Peripheral Inflammation?; Neuro Report; Vol. 5, No. 7; 21 March 1994; 821-824.
	DD	Sanchez-Prieto, J., et al.; Botulinum Toxin A Blocks Glutamate Exocytosis from Guinea-Pig Cerebral Cortical Synaptosomes: Eur. J. Biochem. (1987): 165:675-681

EXAMINER DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





ATTY. DOCKET:	17328(AP)	SERIAL NO.:
APPLICANT:	AOKI et al.	TITLE: METHOD FOR TREATING PAIN BY PERI- PHERAL ADMINISTRATION OF A NEUROTOXIN
FILING DATE:	(Herewith)	GROUP:

OTHER ART (Continued)

	DE	Shantz, E.J., et al.; Properties and Use of Botulinum Toxin and Other Microbial Neurotoxins in Medicine; Microbiol Rev.; 56:80-99 (1999).
	DF	Simpson, L.; Botulinum Toxin: Potent Poison, Potent Medicine; Hospital Practice; April 15, 1999; 34(4):87-91.
	DG	Singh, B.R.; Critical Aspects of Bacterial Protein Toxins; Natural Toxins II (1996); Plenum Press, New York; pp. 63-84.
	DH	Tonra, J. R., et al.; Axotomy Upregulates the Anterograde Transport and Expression of Brain-Derived Neurotrophic Factor by Sensory Neurons; The Journal of Neuroscience; June 1, 1998; 18(11):4374-4383.
	DI	Tsuda, M., et al.; In vivo Pathway of Thermal Hyperalgesia by Intrathecal Administration of α, β-methylene ATP in Mouse Spinal Cord: Involvement of the Glutamate-NMDA Receptor System; Br. J. Pharmacol (1999); 127(2):449-456.
	DJ	Wiegand, H., et al.; The Action of Botulinum A Neurotoxin on the Inhibition by Antidromic Stimulation of the Lumbar Monosynaptic Reflex; Naunyn-Schmiedeberg's Arch. Pharmacol. (1977); 298:235-238.
	DK	Wiegand, H., et al.; I-Labelled Botulinum A Neurotoxin: Pharmacokinetics in Cats After Intramuscular Injection; Nauyn-Schmiedeberg's Arch. Pharmacol.; 292, 161-165 (1976).
	DL	Williamson, L. C., et al.; Clostridial Neurotoxins and Substrate Proteolysis in Intact Neurons; The Journal of Biological Chemistry; Mar. 29, 1996; Vol. 271:13; 7694-7699.
	DM	Williamson, L. C., et al.; Differential Effects of Tetanus Toxin on Inhibitory and Excitatory Neurotransmitter Release from Mammalian Spinal Cord Cells in Culture; Journal of Neurochemistry; 1992; Vol. 59:6; 2148-2157.
	DN	Willis, W. D.; <i>Pain</i> ; The Rat Nervous System; Second Edition; 1995; Academic Press, Inc.; pages 725-750.
	DO	Woolf, C. J., et al.; Neuropathic Pain: Aetiology, Symptoms, Mechanisms, and Management; The Lancet; June 5, 1999; Vol. 353; 1959-1964.
	DP	Yaksh, T. L., et al.; Chronic Catheterization of the Spinal Subarachnoid Space; Physiology & Behavior (1976); Vol. 17:1031-1036.
	DQ	Zhou et al., Biochemistry; 34:15175-15181 (1995).
أريب والمستحد والمستحد والمستحد والمستحد		

EXAM	MINEK
-------------	-------

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include converted in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant(s)/Patent Under Application/Control No. Reexamination 09/550,371 **AOKI ET AL. Notice of References Cited** Art Unit Examiner Page 1 of 1 Chih-Min Kam 1653 **U.S. PATENT DOCUMENTS Document Number** Date Classification Name Country Code-Number-Kind Code MM-YYYY 424/239.1 US-6,261,572 07-2001 Donovan Α US-В US-C US-D US-E US-F US-G US-Н US-US-US-K US-US-**FOREIGN PATENT DOCUMENTS Document Number** Date Country Classification Name Country Code-Number-Kind Code MM-YYYY N 0 P Q S **NON-PATENT DOCUMENTS** Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) ٧

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

W

X

,	_		Application/Contr No. Applicant(s)Pat			ent Under								
	•	Notice f R fer	ronges Cite		09/550,371 Examiner		Reexamination AQKI I AL							
		Nouce 11x tel	ences Cite(a			Art Unit	Provident Constitution Constitution Constitution						
_					Chih-Min Kam		1063	l'aya l	\$1 J					
-	* U.S. PATENT DOCUMENTS													
*		DOCUMENT NO.	DATE		NAME CLASS		SUBCLASS	Serinics **						
	A							APS	OTHER					
	1							[]						
	С							11	()					
	D				-			1)	O					
	E							(1)	O					
	F								O					
	G								0					
	Н							()	()					
	1								Ü.					
	 							()	0					
0	K							0						
0	l.							0	0					
	M							0	0					
4			TO THE REAL PROPERTY OF THE PARTY OF THE PAR	FOREIGN F	PATENT DOCUMENTS			TOUCUMI	ÑŤ					
		DOCUMENT NO	DATE	COUNTRY	NAME	CLASS	SUBCLASS	SOURCE APS	OTHER					
()	N	WO 96/17004	Jul. 1995	US	Aoki et al.	A61K	38/16		Ø					
U	0	WO 04/15620	Jul. 1994	us	Borodic et al.	A61K	37/02	0	⊠					
	p							0	0					
0	0							0	0					
	R								0					
믜	S							0						
	Т								0					
\neg	\neg			NON-PA	TENT DOCUMENTS			DOCUME	NT					
*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)							••					
_				_		<u></u>		APS	OTHER					
4	U		·····											
]	v													
]	w						··							
	x													

^{*}A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)

*APS encompasses any electronic search i.e. text, image, and Commercial Databases.

U.S. Patent and Trademark Office

PTO-892 (Rev. 03-98)

Notice of References Cited